

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	47	((("5643366") or ("5542452") or ("6534133") or ("4732110") or ("6778762") or ("6630201") or ("6620723") or ("6596602") or ("6579372") or ("6569501") or ("20040046197") or ("20040033698") or ("20040018747") or ("20040018304") or ("20040014320") or ("20040009307") or ("20039124262") or ("20030224600") or ("20030224578") or ("20030221780") or ("20030216981") or ("20030213987") or ("20030190804") or ("20030190423") or ("20030172872") or ("20030153177") or ("20030124262") or ("20030108674") or ("20030082307") or ("20030082301") or ("20030072913") or ("20030059538") or ("20030057527") or ("20030057526") or ("20030049942") or ("20030049931") or ("20030031807") or ("20030013320") or ("20020197402") or ("20020187256") or ("20020182320") or ("20020177282") or ("20020164423") or ("20020164421") or ("20020127745") or ("20020117399") or ("20020086507") or ("20020060363"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 19:01
L15	2	((("20040018747") or ("20039124262") or ("20030049942"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 18:37
L16	0	("20039124262").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 18:38
L17	0	("200349124262").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 18:38
L18	30	(14 15) and volume	US-PGPUB; USPAT	OR	ON	2004/11/10 18:40
L19	3	("5179677" "6033474" "6246030").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/10 18:54
L20	0	("6778762").URPN.	USPAT	OR	ON	2004/11/10 18:56
L21	0	"200323835"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:57
L22	1	"0323835"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:57
L23	1	"2003023835"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:58
L24	0	"20030023835"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:58
L25	1	"2001111000"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:59
L26	1	"07300649"	USOCR; EPO; JPO	OR	ON	2004/11/10 18:59
L27	4	"2003023835"	EPO; JPO; DERWENT	OR	ON	2004/11/10 19:03
L28	3	"2001111000"	EPO; JPO; DERWENT	OR	ON	2004/11/10 19:04
L29	0	"20039124262"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/10 19:05
L30	10940	chen.in.	US-PGPUB	OR	ON	2004/11/10 19:05
L31	4160	chen.in. and substrate	US-PGPUB	OR	ON	2004/11/10 19:06
L32	1716	chen.in. and substrate and semiconductor	US-PGPUB	OR	ON	2004/11/10 19:06
L33	107	chen.in. and substrate and semiconductor and applied.as.	US-PGPUB	OR	ON	2004/11/10 19:07
L34	19	chen.in. and substrate and semiconductor and "20030703"	US-PGPUB	OR	ON	2004/11/10 19:10
L35	116	chen.in. and "20030703"	US-PGPUB	OR	ON	2004/11/10 19:11

L36	207	chen-ling\$.in. ku-vincent\$.in. wu-dien\$.in. chung-hua\$.in. ouye-alan\$.in.	US-PGPUB; USPAT	OR	ON	2004/11/10 19:13
L37	207	chen-ling\$.in. ku-vincent\$.in. wu-dien\$.in. chung-hua\$.in. ouye-alan\$.in. nakashim-norman.in.	US-PGPUB; USPAT	OR	ON	2004/11/10 19:14
S1	290	((156/345.33) or (156/345.34)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 12:46
S2	13	"4614639".URPN.	USPAT	OR	ON	2003/09/12 14:35
S3	2	("3859535" "4209357").PN.	USPAT	OR	ON	2003/09/12 14:44
S4	8	"5496410".URPN.	USPAT	OR	ON	2003/09/12 15:01
S5	29	("4369031" "4446815" "4499853" "4537795" "4590042" "4795529" "4817558" "4834020" "4948458" "4986216" "4990229" "4992665" "5105761" "5122251" "5134965" "5221556" "5232508" "5280154" "5290993" "5304247" "5328722" "5336326" "5368646" "5368710" "5391232" "5468298" "5551982" "5551985" "5614055").PN.	USPAT	OR	ON	2003/09/12 15:13
S6	3	("4496423" "4595452" "5273588").PN.	USPAT	OR	ON	2003/09/12 15:24
S7	1	"5996528".URPN.	USPAT	OR	ON	2003/09/12 15:25
S8	273	118/715.ccls. and expand\$3	US-PGPUB; USPAT	OR	ON	2003/09/12 17:23
S9	95	118/715.ccls. and (expand\$3 with gas)	US-PGPUB; USPAT	OR	ON	2003/09/12 17:52
S10	2048	118/715.ccls.	US-PGPUB; USPAT	OR	ON	2004/04/14 17:56
S11	1344	118/715.ccls. and (gas with (supply\$3 inlet deliver\$3 entry entrance))	US-PGPUB; USPAT	OR	ON	2003/09/12 18:10
S12	4	("3293074" "3365336" "3189494" "3381114").PN.	USPAT	OR	ON	2003/09/12 17:58
S13	26	"3717439".URPN.	USPAT	OR	ON	2003/09/12 17:58
S14	457	118/715.ccls. and (gas with (deliver\$3 entry))	US-PGPUB; USPAT	OR	ON	2003/09/12 18:11
S15	6535	c23c016\$.ipc. and (gas with (supply\$3 inlet deliver\$3 entry entrance))	EPO; JPO; DERWENT	OR	ON	2003/09/12 18:11
S16	0	c23c016\$.ipc. and (gas with (sexpand\$3))	EPO; JPO; DERWENT	OR	ON	2003/09/12 18:11
S17	82	c23c016\$.ipc. and (gas with (expand\$3))	EPO; JPO; DERWENT	OR	ON	2003/09/12 18:11
S18	1	"5000113".PN.	USPAT	OR	ON	2003/09/12 19:22
S19	11	"5338363".URPN.	USPAT	OR	ON	2003/09/12 19:22
S20	4	"5846330".URPN.	USPAT	OR	ON	2003/09/12 19:56
S21	9	("4019091" "4728863" "4957062" "5188671" "5204145" "5256205" "5342660" "5571332" "5746834").PN.	USPAT	OR	ON	2003/09/12 19:57
S22	11	("4649859" "4817558" "4825809" "4981722" "4986216" "5204314" "5284519" "5338363" "5372850" "5445699" "5458918").PN.	USPAT	OR	ON	2003/09/14 12:33
S23	11	"5338363".URPN.	USPAT	OR	ON	2003/09/14 13:34
S24	13	"4614639".URPN.	USPAT	OR	ON	2003/09/14 14:02
S25	9	("4019091" "4728863" "4957062" "5188671" "5204145" "5256205" "5342660" "5571332" "5746834").PN.	USPAT	OR	ON	2003/09/14 14:10
S26	4	"5846330".URPN.	USPAT	OR	ON	2003/09/14 14:14
S27	25	"4909914".URPN.	USPAT	OR	ON	2003/09/14 14:30
S28	8	"4907534".URPN.	USPAT	OR	ON	2003/09/14 14:35
S29	290	((156/345.33) or (156/345.34)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/09/14 14:45

S30	74	((156/345.33) or (156/345.34)).CCLS.) and ((taper\$3 chamfer\$3 funnel slant\$3 angl\$3) with surface)	US-PGPUB; USPAT	OR	ON	2003/09/14 14:46
S31	0	"6334983".URPN.	USPAT	OR	ON	2003/09/14 16:19
S32	0	"6334983".URPN.	USPAT	OR	ON	2003/09/14 16:19
S33	1	"6108189".PN.	USPAT	OR	ON	2003/09/14 16:19
S35	152	chen-ling\$.in. ku-vincent\$.in. wu-dien\$.in. chung-hua\$.in. ouye-alan\$.in. nakashim-norman.in.	US-PGPUB; USPAT	OR	ON	2004/11/10 19:14
S36	94	(chen-ling\$.in. ku-vincent\$.in. wu-dien\$.in. chung-hua\$.in. ouye-alan\$.in. nakashim-norman.in.) and gas	US-PGPUB; USPAT	OR	ON	2003/09/17 18:18
S37	11	"5338363".URPN.	USPAT	OR	ON	2003/09/17 18:43
S38	15	("5338363" "5423936" "5447570" "5589002" "5614026" "5746875" "5919332" "5985033" "6007635" "6027604" "6036782" "6050216" "6053982" "6123775" "6123791").PN.	USPAT	OR	ON	2003/09/17 18:45
S39	1	("6179920").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/14 17:38
S40	0	"10032284"	US-PGPUB; USPAT	OR	ON	2004/04/14 17:56
S41	18	"10/032,284"	US-PGPUB; USPAT	OR	ON	2004/04/14 18:01
S42	8	(gas with (deliver\$3 supply\$3) with funnel) and (118/715-733. ccls. 156/345.\$ccls. 204/298.ccls.)	US-PGPUB; USPAT	OR	ON	2004/04/14 18:37
S43	5	"6143077".URPN.	USPAT	OR	ON	2004/04/14 18:04
S44	6	("4825809" "4854263" "5108792" "5200232" "5264040" "5536319").PN.	USPAT	OR	ON	2004/04/14 18:05
S45	53	"5200232".URPN.	USPAT	OR	ON	2004/04/14 18:07
S46	3	"6001267".URPN.	USPAT	OR	ON	2004/04/14 18:18
S47	34	("3656454" "4512283" "4558388" "4565601" "4724621" "4771730" "4795529" "4798165" "4828369" "4848273" "4876983" "4918031" "4949671" "4960488" "4975252" "4986890" "4990229" "5000113" "5091049" "5105761" "5122251" "5124014" "5200232" "5310452" "5330610" "5376628" "5378311" "5389154" "5449432" "5522937" "5525159" "5537004" "5554223" "5626679").PN.	USPAT	OR	ON	2004/04/14 18:18
S48	3	"6001267".URPN.	USPAT	OR	ON	2004/04/14 18:25
S49	19	("3993509" "4184188" "4354911" "4384918" "4401054" "4525375" "4709655" "4902934" "4910042" "4913929" "4962727" "4987857" "4996077" "5009920" "5024748" "5027746" "5047115" "5080039" "5094885").PN.	USPAT	OR	ON	2004/04/14 18:25
S50	11	("3246627" "4495889" "4683143" "4883020" "4945856" "5079045" "5167717" "5248380" "5292554" "5324540" "5439525").PN.	USPAT	OR	ON	2004/04/14 18:28
S51	11	("3246627" "4495889" "4683143" "4883020" "4945856" "5079045" "5167717" "5248380" "5292554" "5324540" "5439525").PN.	USPAT	OR	ON	2004/04/14 18:28
S52	19	"5536319".URPN.	USPAT	OR	ON	2004/04/14 18:29
S53	5	"6143077".URPN.	USPAT	OR	ON	2004/04/14 18:32
S54	6	("4825809" "4854263" "5108792" "5200232" "5264040" "5536319").PN.	USPAT	OR	ON	2004/04/14 18:32
S55	5	((("4732110") or ("4987856") or ("4991542") or ("5264038") or ("6143077"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/14 18:37
S56	1	("5528793").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 12:48

S57	0	PCT/US96/10657	US-PGPUB; USPAT	OR	ON	2004/04/16 12:48
S58	154	"10657"	US-PGPUB; USPAT	OR	ON	2004/04/16 12:49
S59	16	flehr.in.	EPO; JPO; DERWENT	OR	ON	2004/04/16 12:51
S60	0	"199703223"	EPO; JPO; DERWENT	OR	ON	2004/04/16 12:51
S61	8	"9703223"	EPO; JPO; DERWENT	OR	ON	2004/04/16 12:54
S62	2	"02073624"	EPO; JPO; DERWENT	OR	ON	2004/04/16 12:55
S63	2	((("4960488") or ("4744416"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 12:56
S64	1	("4774416").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 13:41
S65	64	(118/715-733.ccls. 156/345\$.ccls.) and (gas with choke)	US-PGPUB; USPAT	OR	ON	2004/04/16 15:11
S66	761	((edge perimeter circumferen6\$6) with (constrict\$3 chok\$3 prevent\$3) with (flow\$3 gas)) same (substrate wafer)	US-PGPUB; USPAT	OR	ON	2004/04/16 16:28
S67	170	((edge perimeter circumferen6\$6) with (constrict\$3 chok\$3 prevent\$3) with (flow\$3 gas)) same (substrate wafer) same (lid cover top)	US-PGPUB; USPAT	OR	ON	2004/04/16 15:10
S68	469	(118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) same (lid cover top))	US-PGPUB; USPAT	OR	ON	2004/04/16 15:12
S69	248	(118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with(lid cover top))	US-PGPUB; USPAT	OR	ON	2004/04/16 15:21
S70	11	(c23c016\$.ipc.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover top) with surface)	EPO; JPO; DERWENT	OR	ON	2004/04/16 15:45
S71	4	"2003035927"	EPO; JPO; DERWENT	OR	ON	2004/04/16 15:17
S72	0	"035927"	EPO; JPO; DERWENT	OR	ON	2004/04/16 15:17
S73	97	(118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover top) with surface)	US-PGPUB; USPAT	OR	ON	2004/04/16 15:17
S74	26	(118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover) with surface)	US-PGPUB; USPAT	OR	ON	2004/04/16 15:17
S75	61	(118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/04/16 15:44
S76	35	((118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover))) not ((118/715-733.ccls. 156/345\$.ccls.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3) with (lid cover) with surface))	US-PGPUB; USPAT	OR	ON	2004/04/16 15:21
S77	8	("4866346" "4877509" "4985109" "5078823" "5081398" "5134965" "5270616" "5433789").PN.	USPAT	OR	ON	2004/04/16 15:22
S78	8	"5646489".URPN.	USPAT	OR	ON	2004/04/16 15:24
S79	4	("4786352" "5346578" "5646489" "5685941").PN.	USPAT	OR	ON	2004/04/16 15:26
S80	19	(c23c016\$.ipc.) and ((slop\$3 taper\$3 slant\$3 diverg\$3 taper\$3 curv\$3 convex concav\$3) with (lid cover))	EPO; JPO; DERWENT	OR	ON	2004/04/16 15:54
S81	1	"474251".URPN.	USPAT	OR	ON	2004/04/16 15:48
S82	1	("5085887").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 15:54
S83	31	"5085887".URPN.	USPAT	OR	ON	2004/04/16 15:54
S84	3	"5573566".URPN.	USPAT	OR	ON	2004/04/16 15:58

S85	4	("3721210" "4920918" "4958061" "5000113").PN.	USPAT	OR	ON	2004/04/16 16:07
S86	14	"3721210".URPN.	USPAT	OR	ON	2004/04/16 16:09
S87	10	("2953483" "3020128" "3041133" "3161542" "3223549" "3236205" "3321092" "3466079" "3469560" "3627590").PN.	USPAT	OR	ON	2004/04/16 16:11
S88	86	((118/715-733.ccls. 156/345.\$ccls.) and ((curv\$3 convex concav\$3) with (lid cover))	US-PGPUB; USPAT	OR	ON	2004/04/16 16:12
S89	122	((edge perimeter circumferen6\$6) with (restrict3 constrain\$3 constrict\$3 chok\$3 prevent\$3) with (flow\$3 with gas)) and ((118/715-733.ccls 156/345.\$ccls. ("216"/\$.ccls. and gas) ("438"/\$.ccls. and gas) ("427"/\$.ccls. and gas))	US-PGPUB; USPAT	OR	ON	2004/04/16 16:42
S90	122	((edge perimeter circumferen6\$6) with (restrict3 constrain\$3 constrict\$3 chok\$3 prevent\$3) with (flow\$3 with gas)) and ((118/715-733.ccls 156/345.\$ccls. "216"/\$.ccls. "438"/\$.ccls. "427"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2004/04/16 17:23
S91	3	((("6302965") or ("4761269") or ("3291456"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/16 17:23
S92	1	("6179920").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/19 14:50
S93	114	(US-5620523-\$ or US-5338363-\$ or US-5338364-\$ or US-5264038-\$ or US-5062386-\$ or US-4997677-\$ or US-4976217-\$ or US-4987856-\$ or US-4961399-\$ or US-4920918-\$ or US-4909914-\$ or US-4907534-\$ or US-5085887-\$ or US-4825809-\$ or US-4761171-\$ or US-4761269-\$ or US-4632060-\$ or US-3673051-\$ or US-6589610-\$ or US-5256205-\$ or US-5204145-\$ or US-5132512-\$ or US-6596085-\$ or US-5919332-\$ or US-5200232-\$ or US-6001267-\$).did. or (US-5047115-\$ or US-5024748-\$ or US-6086952-\$ or US-6079356-\$ or US-6474986-\$ or US-5346578-\$ or US-5710407-\$ or US-5573566-\$ or US-6129546-\$ or US-6179955-\$ or US-6222161-\$ or US-4510176-\$ or US-6508197-\$ or US-6334983-\$ or US-6289842-\$ or US-6165314-\$ or US-6022414-\$ or US-5996528-\$ or US-5942074-\$ or US-5851294-\$ or US-5597439-\$ or US-5685914-\$ or US-5423936-\$ or US-5496410-\$ or US-5494522-\$ or US-5328556-\$ or US-5264040-\$).did. or (US-5105761-\$ or US-4901667-\$ or US-4718976-\$ or US-4590042-\$ or US-4614639-\$ or US-4595452-\$ or US-5614026-\$ or US-5368646-\$ or US-5273588-\$ or US-6436193-\$ or US-6454860-\$ or US-6179920-\$ or US-6093252-\$ or US-5846330-\$ or US-5725672-\$ or US-5284519-\$ or US-4774416-\$ or US-6540837-\$ or US-6471782-\$ or US-6450803-\$ or US-6428847-\$ or US-6306216-\$ or US-6302965-\$ or US-6159299-\$ or US-6210485-\$ or US-6143077-\$ or US-6123776-\$).did. or (US-6099648-\$ or US-6071375-\$ or US-6070551-\$ or US-5888303-\$ or US-5776254-\$).did. or (US-20030108674-\$ or US-20030124262-\$ or US-20030082301-\$ or US-20020011215-\$ or US-20030116087-\$ or US-20030121608-\$ or US-20030079686-\$ or US-20030019580-\$ or US-20030019428-\$ or US-20010035127-\$ or US-20030159653-\$ or US-20030140857-\$ or US-20020046704-\$).did. or (WO-3035927-\$ or WO-9703223-\$).did. or (JP-11006069-\$ or JP-63176474-\$ or JP-62116770-\$ or JP-63020483-\$ or JP-62116771-\$ or JP-62116774-\$ or JP-2001152344-\$ or JP-02073624-\$).did. or (WO-2003035927-\$ or WO-9840533-\$ or EP-991792-\$ or DE-4005796-\$ or EP-474251-\$ or EP-418554-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/04/19 16:06
S94	1	(US-3291456-\$).did.	USOCR	OR	OFF	2004/04/19 16:06

S95	9	((US-5620523-\$ or US-5338363-\$ or US-5338364-\$ or US-5264038-\$ or US-5062386-\$ or US-4997677-\$ or US-4976217-\$ or US-4987856-\$ or US-4961399-\$ or US-4920918-\$ or US-4909914-\$ or US-4907534-\$ or US-5085887-\$ or US-4825809-\$ or US-4761171-\$ or US-4761269-\$ or US-4632060-\$ or US-3673051-\$ or US-6589610-\$ or US-5256205-\$ or US-5204145-\$ or US-5132512-\$ or US-6596085-\$ or US-5919332-\$ or US-5200232-\$ or US-6001267-\$).did. or (US-5047115-\$ or US-5024748-\$ or US-6086952-\$ or US-6079356-\$ or US-6474986-\$ or US-5346578-\$ or US-5710407-\$ or US-5573566-\$ or US-6129546-\$ or US-6179955-\$ or US-6222161-\$ or US-4510176-\$ or US-6508197-\$ or US-6334983-\$ or US-6289842-\$ or US-6165314-\$ or US-6022414-\$ or US-5996528-\$ or US-5942074-\$ or US-5851294-\$ or US-5597439-\$ or US-5685914-\$ or US-5423936-\$ or US-5496410-\$ or US-5494522-\$ or US-5328556-\$ or US-5264040-\$).did. or (US-5105761-\$ or US-4901667-\$ or US-4718976-\$ or US-4590042-\$ or US-4614639-\$ or US-4595452-\$ or US-5614026-\$ or US-5368646-\$ or US-5273588-\$ or US-6436193-\$ or US-6454860-\$ or US-6179920-\$ or US-6093252-\$ or US-5846330-\$ or US-5725672-\$ or US-5284519-\$ or US-4774416-\$ or US-6540837-\$ or US-6471782-\$ or US-6450803-\$ or US-6428847-\$ or US-6306216-\$ or US-6302965-\$ or US-6159299-\$ or US-6210485-\$ or US-6143077-\$ or US-6123776-\$).did. or (US-6099648-\$ or US-6071375-\$ or US-6070551-\$ or US-5888303-\$ or US-5776254-\$).did. or (US-20030108674-\$ or US-20030124262-\$ or US-20030082301-\$ or US-20020011215-\$ or US-20030116087-\$ or US-20030121608-\$ or US-20030079686-\$ or US-20030019580-\$ or US-20030019428-\$ or US-20010035127-\$ or US-20030159653-\$ or US-20030140857-\$ or US-20020046704-\$).did. or (WO-3035927-\$ or WO-9703223-\$).did. or (JP-11006069-\$ or JP-63176474-\$ or JP-62116770-\$ or JP-63020483-\$ or JP-62116771-\$ or JP-62116774-\$ or JP-2001152344-\$ or JP-02073624-\$).did. or (WO-2003035927-\$ or WO-9840533-\$ or EP-991792-\$ or DE-4005796-\$ or EP-474251-\$ or EP-418554-\$).did.) and (small with volume)	US-PGPUB; USPAT	OR	ON	2004/04/19 16:06
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S96	114	(US-6508197-\$ or US-6334983-\$ or US-6289842-\$ or US-6165314-\$ or US-5851294-\$ or US-6022414-\$ or US-5996528-\$ or US-5942074-\$ or US-5685914-\$ or US-5597439-\$ or US-5496410-\$ or US-5494522-\$ or US-5423936-\$ or US-5328556-\$ or US-5264040-\$ or US-5105761-\$ or US-4901667-\$ or US-4718976-\$ or US-4614639-\$ or US-4595452-\$ or US-4590042-\$ or US-5614026-\$ or US-5368646-\$ or US-5273588-\$ or US-6454860-\$ or US-6436193-\$).did. or (US-6179920-\$ or US-6093252-\$ or US-5846330-\$ or US-5725672-\$ or US-5284519-\$ or US-4774416-\$ or US-6540837-\$ or US-6471782-\$ or US-6450803-\$ or US-6428847-\$ or US-6306216-\$ or US-6302965-\$ or US-6210485-\$ or US-6159299-\$ or US-6143077-\$ or US-6123776-\$ or US-6099648-\$ or US-6071375-\$ or US-6070551-\$ or US-5888303-\$ or US-5776254-\$ or US-5620523-\$ or US-5338364-\$ or US-5338363-\$ or US-5264038-\$ or US-5085887-\$ or US-5062386-\$).did. or (US-4997677-\$ or US-4987856-\$ or US-4976217-\$ or US-4961399-\$ or US-4920918-\$ or US-4909914-\$ or US-4907534-\$ or US-4825809-\$ or US-4761269-\$ or US-4761171-\$ or US-4632060-\$ or US-3673051-\$ or US-6589610-\$ or US-5256205-\$ or US-5204145-\$ or US-5132512-\$ or US-6596085-\$ or US-5919332-\$ or US-5200232-\$ or US-6001267-\$ or US-5047115-\$ or US-5024748-\$ or US-6086952-\$ or US-6079356-\$ or US-6474986-\$ or US-5346578-\$ or US-5710407-\$).did. or (US-5573566-\$ or US-6222161-\$ or US-6179955-\$ or US-6129546-\$ or US-4510176-\$).did. or (US-20030121608-\$ or US-20030116087-\$ or US-20030079686-\$ or US-20030019580-\$ or US-20030019428-\$ or US-20010035127-\$ or US-20030159653-\$ or US-20030140857-\$ or US-20020046704-\$ or US-20030124262-\$ or US-20030108674-\$ or US-20030082301-\$ or US-20020011215-\$).did. or (WO-3035927-\$ or WO-9703223-\$).did. or (JP-63176474-\$ or JP-2001152344-\$ or JP-11006069-\$ or JP-63020483-\$ or JP-62116771-\$ or JP-62116774-\$ or JP-62116770-\$ or JP-02073624-\$).did. or (WO-2003035927-\$ or EP-991792-\$ or WO-9840533-\$ or DE-4005796-\$ or EP-474251-\$ or EP-418554-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/04/20 12:06
S97	1	(US-3291456-\$).did.	USOCR	OR	OFF	2004/04/20 12:06
S98	30704	pneumatic\$4 with valve	US-PGPUB; USPAT	OR	ON	2004/04/20 12:07

S99	5	((US-6508197-\$ or US-6334983-\$ or US-6289842-\$ or US-6165314-\$ or US-5851294-\$ or US-6022414-\$ or US-5996528-\$ or US-5942074-\$ or US-5685914-\$ or US-5597439-\$ or US-5496410-\$ or US-5494522-\$ or US-5423936-\$ or US-5328556-\$ or US-5264040-\$ or US-5105761-\$ or US-4901667-\$ or US-4718976-\$ or US-4614639-\$ or US-4595452-\$ or US-4590042-\$ or US-5614026-\$ or US-5368646-\$ or US-5273588-\$ or US-6454860-\$ or US-6436193-\$).did. or (US-6179920-\$ or US-6093252-\$ or US-5846330-\$ or US-5725672-\$ or US-5284519-\$ or US-4774416-\$ or US-6540837-\$ or US-6471782-\$ or US-6450803-\$ or US-6428847-\$ or US-6306216-\$ or US-6302965-\$ or US-6210485-\$ or US-6159299-\$ or US-6143077-\$ or US-6123776-\$ or US-6099648-\$ or US-6071375-\$ or US-6070551-\$ or US-5888303-\$ or US-5776254-\$ or US-5620523-\$ or US-5338364-\$ or US-5338363-\$ or US-5264038-\$ or US-5085887-\$ or US-5062386-\$).did. or (US-4997677-\$ or US-4987856-\$ or US-4976217-\$ or US-4961399-\$ or US-4920918-\$ or US-4909914-\$ or US-4907534-\$ or US-4825809-\$ or US-4761269-\$ or US-4761171-\$ or US-4632060-\$ or US-3673051-\$ or US-6589610-\$ or US-5256205-\$ or US-5204145-\$ or US-5132512-\$ or US-6596085-\$ or US-5919332-\$ or US-5200232-\$ or US-6001267-\$ or US-5047115-\$ or US-5024748-\$ or US-6086952-\$ or US-6079356-\$ or US-6474986-\$ or US-5346578-\$ or US-5710407-\$).did. or (US-5573566-\$ or US-6222161-\$ or US-6179955-\$ or US-6129546-\$ or US-4510176-\$).did. or (US-20030121608-\$ or US-20030116087-\$ or US-20030079686-\$ or US-20030019580-\$ or US-20030019428-\$ or US-20010035127-\$ or US-20030159653-\$ or US-20030140857-\$ or US-20020046704-\$ or US-20030124262-\$ or US-20030108674-\$ or US-20030082301-\$ or US-20020011215-\$).did. or (WO-3035927-\$ or WO-9703223-\$).did. or (JP-63176474-\$ or JP-2001152344-\$ or JP-11006069-\$ or JP-63020483-\$ or JP-62116771-\$ or JP-62116774-\$ or JP-62116770-\$ or JP-02073624-\$).did. or (WO-2003035927-\$ or EP-991792-\$ or WO-9840533-\$ or DE-4005796-\$ or EP-474251-\$ or EP-418554-\$).did.) and (pneumatic\$4 with valve)	US-PGPUB; USPAT	OR	ON	2004/04/20 12:07
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S10 0	3	((US-6508197-\$ or US-6334983-\$ or US-6289842-\$ or US-6165314-\$ or US-5851294-\$ or US-6022414-\$ or US-5996528-\$ or US-5942074-\$ or US-5685914-\$ or US-5597439-\$ or US-5496410-\$ or US-5494522-\$ or US-5423936-\$ or US-5328556-\$ or US-5264040-\$ or US-5105761-\$ or US-4901667-\$ or US-4718976-\$ or US-4614639-\$ or US-4595452-\$ or US-4590042-\$ or US-5614026-\$ or US-5368646-\$ or US-5273588-\$ or US-6454860-\$ or US-6436193-\$).did. or (US-6179920-\$ or US-6093252-\$ or US-5846330-\$ or US-5725672-\$ or US-5284519-\$ or US-4774416-\$ or US-6540837-\$ or US-6471782-\$ or US-6450803-\$ or US-6428847-\$ or US-6306216-\$ or US-6302965-\$ or US-6210485-\$ or US-6159299-\$ or US-6143077-\$ or US-6123776-\$ or US-6099648-\$ or US-6071375-\$ or US-6070551-\$ or US-5888303-\$ or US-5776254-\$ or US-5620523-\$ or US-5338364-\$ or US-5338363-\$ or US-5264038-\$ or US-5085887-\$ or US-5062386-\$).did. or (US-4997677-\$ or US-4987856-\$ or US-4976217-\$ or US-4961399-\$ or US-4920918-\$ or US-4909914-\$ or US-4907534-\$ or US-4825809-\$ or US-4761269-\$ or US-4761171-\$ or US-4632060-\$ or US-3673051-\$ or US-6589610-\$ or US-5256205-\$ or US-5204145-\$ or US-5132512-\$ or US-6596085-\$ or US-5919332-\$ or US-5200232-\$ or US-6001267-\$ or US-5047115-\$ or US-5024748-\$ or US-6086952-\$ or US-6079356-\$ or US-6474986-\$ or US-5346578-\$ or US-5710407-\$).did. or (US-5573566-\$ or US-6222161-\$ or US-6179955-\$ or US-6129546-\$ or US-4510176-\$).did. or (US-20030121608-\$ or US-20030116087-\$ or US-20030079686-\$ or US-20030019580-\$ or US-20030019428-\$ or US-20010035127-\$ or US-20030159653-\$ or US-20030140857-\$ or US-20020046704-\$ or US-20030124262-\$ or US-20030108674-\$ or US-20030082301-\$ or US-20020011215-\$).did. or (WO-3035927-\$ or WO-9703223-\$).did. or (JP-63176474-\$ or JP-2001152344-\$ or JP-11006069-\$ or JP-63020483-\$ or JP-62116771-\$ or JP-62116774-\$ or JP-62116770-\$ or JP-02073624-\$).did. or (WO-2003035927-\$ or EP-991792-\$ or WO-9840533-\$ or DE-4005796-\$ or EP-474251-\$ or EP-418554-\$).did.) and (ikedai)	US-PGPUB; USPAT	OR	ON	2004/04/20 12:09
S10 1	21	c23c016\$.ipc. and (valve with zero with dead)\	US-PGPUB; USPAT	OR	ON	2004/04/20 12:44
S10 2	21	c23c016\$.ipc. and (valve with zero with dead)	US-PGPUB; USPAT	OR	ON	2004/04/20 12:50
S10 3	0	c23c016\$.ipc. and (valve with zero with dead)	EPO; JPO; DERWENT	OR	ON	2004/04/20 12:44
S10 4	3	valve with zero with dead with volume	EPO; JPO; DERWENT	OR	ON	2004/04/20 12:39
S10 5	1	("5542452").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/04/20 12:31
S10 6	150	valve with zero with dead with volume	US-PGPUB; USPAT	OR	ON	2004/04/20 12:39
S10 7	17	valve with zero with dead with volume with gas	US-PGPUB; USPAT	OR	ON	2004/04/20 12:43
S10 8	2	c23c016\$.ipc. and (valve with actuat\$4 with (electric\$4 pneumatic\$4))	EPO; JPO; DERWENT	OR	ON	2004/04/20 12:45
S10 9	1	("5224513").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/10 18:07